

Notice of Allowability

Application No.

10/036,814

Examiner

Sheela C Chawan

Applicant(s)

CAMAHORT ET AL.

Art Unit

2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/9/2001.
2. ☒ The allowed claim(s) is/are 1-63.
3. ☒ The drawings filed on 19 October 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 1/31/02
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

Drawings

1. Drawings filed on 10/19/01 have been approved by Examiner.

Reason For Allowance

2. The following is an examiner's statement of reasons for allowance:

Claims 1- 63 are allowed.

For claim 1, the prior art on record, fails to teach or fairly suggest, singly or in combination, a method of processing image data for use in holographic stereograms comprising, among other things, replacing a portion of the transposed image block matrix with a portion of a second transposed image block matrix to form a resulting image block matrix; and transposing the resulting image block matrix to form a hologram element (hogel) portion matrix. The closest prior art, Hau et al., (US.5,587,742) discloses flexible parallel processing architecture for video resizing. Nakamura et al., (US.5, 479,525) discloses method and apparatus for rotating a multivalued picture image 90 degrees. Venkatesh et al., (US.6,397,292B1) discloses asymmetrical striping of mirrored storage device arrays and concurrent access to even tracks in the first array and odd tracks in the second array to improve data access performance. Each of the above references either singularly or in combination, fail to anticipate or render the above limitation obvious.

Claim 35 is representative of claim 1.

For claim 50, a computer implemented method of processing image data for use in holographic stereograms, the prior art on record, fails to teach or fairly suggest, singly

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or in combination, a method of processing image data for use in holographic stereograms comprising, among other things, copying a first one of the plurality of pixel values from the at least a portion of one of the plurality of image data sets to a first hogel portion in a hogel buffer in the memory; copying a second one of the plurality of pixel values from the at least a portion of one of the plurality of image data sets to a second hogel portion in a hogel buffer in the memory. Each of the above references either singularly or in combination, fail to anticipate or render the above limitation obvious.

3. Any comments considered necessary by applicant must be submitted on later than the payment of the issue fee and to avoid processing delays should preferably accompany the issue fee. Such submissions should be clearly labeled, comments on statement of reasons for allowance.

Contact Information

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sheela C Chawan whose telephone number is 703-305- 4876. The examiner can normally be reached on Monday - Thursday 8 - 6.30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bhavesh Mehta can be reached on 703-308-5246. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Sheela Chawan
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Group Art Unit 2625
October 26, 2004



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